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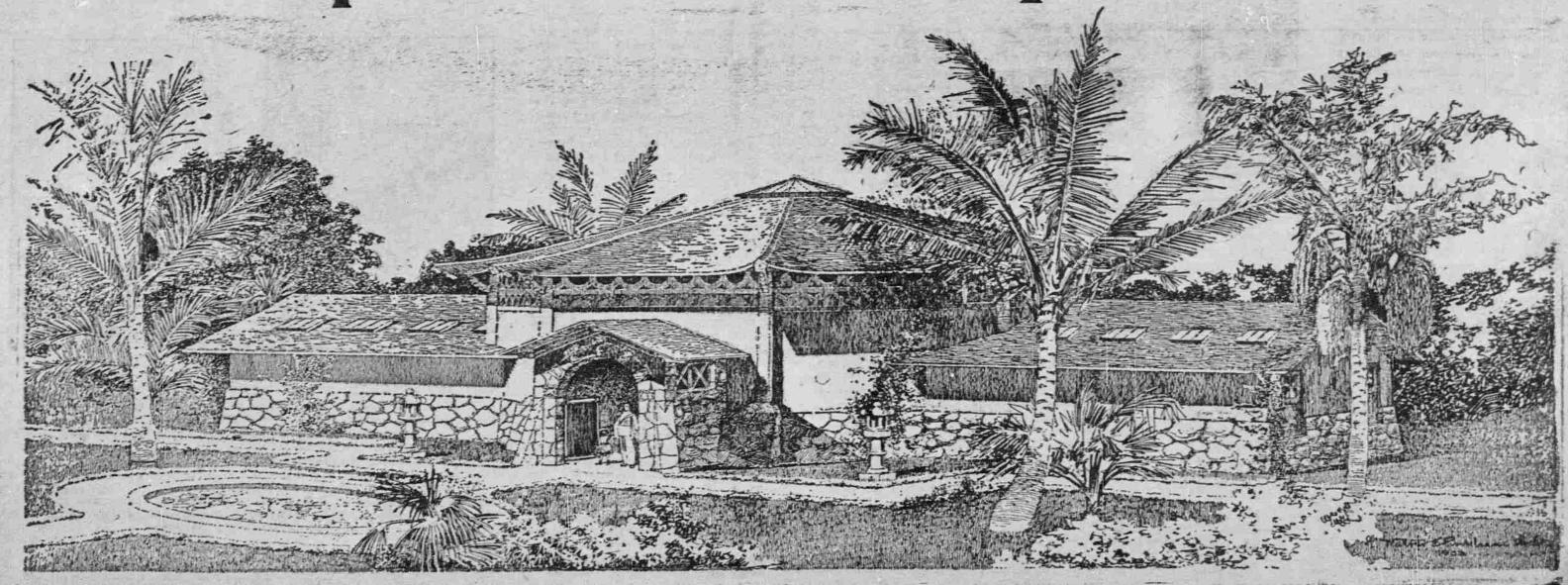
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The Aquarium at Kapiolani Park



outlander, but for the still more strange marble slabs of the market stalls. The

is now given to the stranger as to these pany on the line of its Kapiolani park them in limited confines. extension has done for the city. It is a work that will not stop, for the Aquarium is a thing that once started, must continue to develop. Already there are shown in the tanks more than one hundred varieties of tropical fishes, amusement to those interested in things marine, for the fishes change tain varieties that are there at all tution. Four adjoining lots, upon which omitted. wherein the light is so managed as to so that a sea frontage would be obtain- inches in length; large eyes. reach all parts, the intimate life of the ed for it. marine forms may be studied to the best possible advantage.

public spirited citizens it became ap-

The Aquarium, as it stands to lay. Waikiki. was opened to the public on March 19, made by Professor W. T. Brigham, Mr. thirty-six of these all told. Peck and United States District Judge

ally it was a portion of Kapiolani park ment. to build and stock the Aquarium, and ing new exhibits.

Under the cocoanut trees at Waiklki come forward with their generous offer cavated in the coral near the beach Goldfish. Fresh water fish of bril- Keke. Slender brown fish about when lying still has much the appearance of the coral near the beach Goldfish. there is growing up an institution that the project was far from realization, into a 4000 gallon distributing tank, ele- liant red color; six to twelve inches in three inches in length, bids fair to carry the fame of Honolulu Mr. and Mrs. Cooke had agreed to con- vated sixteen feet. The water thus ob- length, as far as any of the many distinctive- Mr. Castle give the land and that the ess, deleterious matter being separated low, brown and black stripes; size four tremes of which taper gracefully into ten to sixtee a inches; width about half ly island institutions have carried that Rapid Transit Company agree to stock by the passage of water through sand to fourteen inches. fame in the past. And it has been car- and keep the Aquarium running. The and coral. ried far. One of the sights of Honolulu, plans, by Mr. Pinkham, were approved. From the distributing tank water is brown fish with pointed head and with length. This fish is noted chiefly for Oopu. Small brown fresh water fish. indeed, has always been the fish market-not for the strange mixture of and, valued at \$7500, and the Rapid cutlets for the supply of each of the races that gather and chaffer there, Transit Company spent \$3233 in pre- aquaria, into which runs constantly a although that is a great sight for the Paring the exhibit and \$385 additional in half inch jet of water, delivered at the fishes that may be seen lying upon the made it impossible for the fishermen to forced into the water of the tank in get specimens at sea or on the reef. minute globules. fishes of the tropics, rarely seen save There are now sixty varieties in the There is a separate piping system when they have lost their first bril- Aquarium and there are between four through which an auxiliary pump liprose of coloring through death, make and five hundred specimens to be found forces air into the various tanks, thus lar to the other fish of the same name Kawakawa or bonito. Oval shape, covered with white markings; poisonwaters will be secured. dant in all the glories of the paintings they live at great depths, under pres- management to keep a large shark on wide. of nature. That is what the Aquarium sure, and in addition are accustomed exhibition at all times. As the larger Humuhumu nukunuku lei: Brown- Laenihi. Gray and white with dark of a cow's; body covered with long established by the Rapid Transit Com- to more freedom than can be given varieties of shark do not do at all well ish fish with yellow band on head just blue markings; horn on top of head spines; blows up like the copu hue and

to Kapiolani park, and that the Aqua- there are English names for the same to ten inches,

For a number of years past efforts total length on the main axis, from four to six inches. strong discouragement, but this was at forty feet wide, in the center of which harbor. beach and near the park. The aquari- The material used for the construction of dorsal fin. for the life of the fishes, and depend- stone; for a sub-base with a buttressed eight inches. ent largely upon the crowds going to stone entrance and cut voussoir arch Awa or milk-fish. Slender, white spots; tail a brilliant orange; length row bands of dark brown. the park for its patronage. At last, stones. Above the sub-base the build- fish six to fourteen inches in length; six to twelve inches. through the liberality of a number of ing is of frame. The building, as it is found in both salt and fresh water; Halahala (parrot-fish). Turquoise back and mottled with white, parent that the aquarium could be built, future, and standing as it does upon a here, the market sales in 1900 ranking and weighing about four pounds. and an architect was at once set to lot that is open to the sea, affords the fourth.

from the central pavilion, and there are sold being 224,033.

plate glass. The tanks are lighted from any other variety. The Aquarium, said Mr. Thurston, skylights formed in the roof above, the Awa aus. Long, slim white fish, with red and yellow; eight to fourteen wallan fishermen; was the result of the combined efforts light penetrating through the water and very similar to the awa but more inches long. of several people. The site had been showing off the beautiful tints and va- slender.

and for several years the company had affords working space and conceals water. been trying to acquire it. The Rapid from view the atendants at their du- China-fish. Dark brown, mottled of the hand; marked with alternate long and slender with head about one-

until Mr. C. M. Cooke and his wife had Salt water is pumped from a well ex- attain a weight of fifteen pounds,

struct the building on condition that tained is subjected to a filtering proc-

a cost of \$8000. Mr. Castle gave the bored redwood pipe, with brass cock twelve inches. stocking it. Mr. Thurston stated that surface through a nozzle or reducer, bad weather during the past month had which admits air being sucked in and

in these waters. In a few weeks a insuring water being perfectly aerated, in shape, but having more vivid color- coming to point at head and tail; ous except when carefully dressed; six Some strong concrete tank has been built on and green. One of the most oddly three to ten pounds Mr. Thurston explained further that of expense, but it is one that is borne "lei."

today, is in the shape of a cross, its three inches; similar to alaihi. arms being 83 feet 10 inches, and its Aholehole. Flat, silver colored fish, tail bordered with black.

was desired to have a site near the fish, mullet, carp and a turtle or two. low stripes on back; black spot at base twelve inches.

The tanks are constructed of con- long red bill; length about six inches. largest one exhibited at the aquarium mouth set back from end of nose; six Pala. Brown flat fish about thres Sanford B. Dole. Upon that occasion crete and metal lath, 3 feet 6 inches Amaama or mullet. Slender white had a spread of six feet. Mr. L. A. Thurston, being asked by wide, 3 feet 6 inches high and 5 feet fish with gray back; has coarse scales Kupipi. Flat fish, gray in color with Malolo or flying fish. White body Pohe. Black with white spot on side; LT. Peck, president of the Rapid Tran- long; on the corridor side, separating and flat head; principal food fish of large black spot at base of tail; about with rich blue back; length from six about three inches long. sit, gave a brief account of how suc-

fish with broad, flat head. leases, and was acquired by Mr. Castle, Back of the row of tanks a passage . Carp. Coarse scaled, gray; fresh Kihikihi naaopilo or Moorish idol. inches in length and flat.

a large amount of money was needed supply of air or water, or rearrang- found in many fresh water streams as and powerful beak; dorsal fin tapers mouth; one to three feet. well as in rice and taro patches; often gradually into a long, graceful white Nohu. Dull brown color; large head fen inches long.

Humuhumu nukunuku apuaa (trigger-fish). White belly, reddish brown back; has broad black band running through eyes diagonally across body: two V-shaped bands of yellow next to tail; average length about eight inches. A very handsome fish.

Humuhumu nukunuku apuaa. Simi- color with white band around head.

building stood was for seventeen years, of the added value of the exhibit by the fish with turquoise blue stripes along brilliant canary yellow; length about fish. and during that period the Rapid Tran- presence of the monsters of the deep, base of fins; length about eight inches, ten inches, sit would pay the running expenses of Below is a partial list of the fishes Humuhumu nukunuku hiu keokeo. Lehua. Red and white; red bands shaped body, very hard; small head the Aquarium; at the conclusion of which have been exhibited at the Black or reddish brown with white fins are same shade as the lehua blossom and mouth; brown in color and covand the number is being added to conwhich term the fee of the land would aquarium with a short description of edged with black (the ladies ask for from which it is supposed to derive its ered with white spots. a continuous source of study and revert to the Government. He hoped each. The Hawaiian names only are the fish with the chiffon fins); pink name. that the land would then be turned over given except in the few cases where tall with white band around base; six Lapakihi. Rather a flat shape with hu, has dark blue sides and yellow.

Alaihi lakea. Red, brown and white orange band back of eyes.

inches.

Hilu kea. Brown body; green mark- Manini or Surgeon-fish. Flat in line along base of fins and a blue tail; um would be dependent upon the sea of the building is lichen covered field Abulubulu. Pink and white; four to ings on head; about half the body next shape with length of about six inches; six to twelve inches, to tail is covered with bright purple body a dark gray, crossed with nar- Pualu. Similar to palani, but with-

Hee or squid. Has oval shaped pouch running around body. bluish back and very large eyes; aver- gans; prominent head and large eyes, marked with red, black and white edge; eyes are raised above body to The aquaria, in which the principal age length about eight inches, market eight tentacles on the under side of patches; six to ten inches, 1904, a number of invited guests being part of the fishes are kept, lead off sales in 1900 were third, the number which are two rows of discs or suck- Maili. Reddish brown flat fish, two the sand the eyes are still exposed. ers; these are used for clinging to the to six inches in length. Akilolo. Slender, brownish fish with rocks and in catching their food. The Moi. Silver color with darker back; count of its resemblance to the sand.

Kumu or goat-fish. Bright pink with gray back; length thirteen feet. donated by Mr. James Castle. Origin- riegated colors of the fish in their ele- Catfish. Reddish brown fresh water deeper tinge along back; weight from Nainai, Brown body with bar of one to four pounds.

Flat fish about the size of the palm Nunu. Bluish gray ' color; body

Hills White body with back of yel- tinge; sharply forked tail both ex- mouth, blush gray in color; length Humuhumu or trigger-fish. Flat, length; eight to sixteen inches in pounds a half inches from the head.

Kalaholo. Similar to kala but with back with rough edge like a file; two darker color and shorter horn. Kole. Small flat fish of dark brown Opule. Red covered with white spots,

color; yellow eyes. Kaku or barracuda. Slender white ten inches in length. fish with dark back and large mouth; Opule lauli. Turquoise blue, mottled

six to fourteen inches. Kaaha. Flat fish; light brown in blue; six to twelve inches

black spots.

or frightened; six to ten inches.

broadest part of body just back of marks on head and tail. rium might then become a public insti- fish. The scientific classification is Humuhumu. Dark brown trigger- head, giving the appearance of having Oili lepe. Flat, brown fish with fish with black band back of eyes. a hump on the back; marked with al- black tail; two to four inches tain varieties that are there at all the lease expired at the same time, he Alaihi or squirrel-fish. Red and Hinalea. Slender fish about three ternate bands of gray and black run- Opelu or mackerel scad. Slender three ternate bands of gray and black run- Opelu or mackerel scad. Slender times new varieties are constantly addnoped also might be given to the park, white longitudinal stripes; three to five to six inches in length; color a dark ning diagonally across body; length body of white, with bluish back; with brown with dark blue head and wide about twelve inches. A very odd fish, to twelve inches in length,

Lauhau or butterfly-fish. There are six inches. have been made by certain public spir- the entrance to the end of the build- Aweoweo. Red, mottled with white; quoise blue markings on head and body. of which have been on exhibition at large mouth; six to twelve inches. ited citizens of Honolulu to establish ing, 165 feet. At the intersection of the four to eight inches. Large schools of Hinalea ilwi. Peacock blue fish with the aquarium. The prevailing color Copu kai. Gray, covered with red last overcome. In the first place, it is an open tank, now filled with gold- Aawa. White belly, brown and yel- Hilu lauli. Turquoi e blue; length great variety of colorings; shape is flat to rocks. and they are all of small size.

planned, admits of extension in the one of the most common table fish blue and white, fourteen inches long Maomao. Four to eight inches long es long, and flat; dark blue with black bands Pakii or sand-fish. Sometimes called

cess had at last come to crown the plates of half an inch thick polished 1,001,571 or four times the number of Kupoupou. Slender, with round spread equal to about the length of the and crange spots; has wings similar body; white belly, brown back flecked body; caught almost entirely by Ha- to the malolo; six to twelve inches

orange just back of gills; six to twelve inches,

plume. Much admired by tourists. and mouth; length four to ten inches:

ance of a piece of rock,

Kala. Flat body of a bluish gray Nenue. Flat fish with very small small streamers about two inches in the length; weighs from two to six

Offi or file-fi h. Yellow and brown, covered with black spots; has horn on to four inches long.

orange tail tipped with red; four to

with dark blue; tail yellow tipped with Copu hue or balloon-fish. Brown

Under the cocoanut trees at Waikiki larger representation of the fish of In addition to the main building a ings of orange, brown, purple, yellow bluish tinge mixed with gray; weighs to eighteen inches long; when angry it blows up like a toy balloon, the citizen to see the fishes of the trop- deep sea fish cannot be placed in the the sea front of the property, and in marked and beautiful fish in Hawail. Lauwilliwili. Small and flat; bright Copu okala or porcupine-fish. Gray, ics in their native element, respien- Aquarium, said Mr. Thurston, because this tank it is the aim of the Aquarium About ten inches long and four inches yellow, thickly covered with black spots: large head

and mouth with eyes about the size in captivity this is a constant source back of eyes which gives it the name which stands up when fish is angry when blown up the spines stand out like a porcupine's quills, making an the lease of the ground upon which the cheerfully by the management because Humuhumu eleele. Black trigger- Lauwiliwili nukuoioi, Slender fish of excellent protection; feeds on shell-

Copu pahu or box-fish. Rectangular

Oopu moa. Same shape as oopu pa-

Lai or mackerel. Slender silver fish Olani. Light green body with hori-The Aquarium building, as it stands stripes; pointed head and length about Hinalea luahine. Reddish brown, and scales tipped with lighter brown; white liant gloss which shines like satin. cross stripes of same color; four to

Hinalea lolo. Brown fish with tur- about ten varieties of the lauhau five Omaka. Brown, tinged with orange;

an aquarium. Their efforts met with arms an octagonal pavilion is formed, these fish are frequently seen in the pointed beak; length about eight of all is yellow, but the trimmings of spots; large head and mouth; promisthe different species are of a nent eyes; always found lying close Palani. Brown and flat; has blue

Mana loa. Gray body with darker Panuhunuhu. Coarse scales; brown

with gray spots; six to eighteen inch-

work on plans for the present building. only public entrance to the beach at Akule or goggler. White belly, in which are located the digestive or- Moano or goat-fish. Slender body flat with fins running around hat-fish. Belongs to the flounder famsuch an extent that when buried in Visitors often overlook this fish on ac-

long.

Mano or shark. White belly and Papiopio (young ulus). White body tinged with blue along back; fins are either yellow or blue; six to twelve

Pakuikui. Flat in shape; black body Transit Company realized that quite ties, caring for the fish, regulating the with black; imported from China and bands of black and yellow; has sharp fourth the length of body; very small is orange and white; talk with large orange spot next to tall; is orange, tipped with white; six to

(Continued on page 15.)



DIAMOND HEAD AND WAIKIKI BEACH.